What Is Claimed Is:

1. A micro mode executing apparatus for a digital still camera, the apparatus comprising:

a focus lens and an image sensor arranged sequentially with an optical axis passing through centers of the lens and the sensor;

transferring means, provided integrally on the image sensor, for transferring the focus lens along the optical axis;

a first transferring area defining portion for defining a transferring area of the focus lens transferred by the transferring means;

a second transferring area defining portion for defining the transferring area of the focus leans transferred horizontally along the optical axis by the transferring means, when the focus lens is not further transferred by the first transferring area defining portion; and

transferring movement limiting means for preventing the image sensor from transferring when the focus lens is transferred in an area defined by the first transferring area defining portion according to the operation of the transferring means.

2. A micro mode executing apparatus for a digital still camera, the apparatus comprising:

a motor transferred along a rotating axis of a spindle with a rotating direction of the motor being changed in line with an applied electrical signal with reference to the rotating axis of the spindle;

an image sensor, mounted integrally onto one side of the motor through a fixing member, for converting an image of an object to be photographed to an electrical signal;

a focus lens positioned on a same optical axis as the image sensor and secured to one end of the rotating axis of the spindle;

a housing consisting of a first step region for limiting a transferring area of the motor and a second step region for limiting a transferring area of the focus lens, the first and second step region forming a barrel structure having a step layer;

a first biasing member connected to the focus lens and the motor and having a constant biasing force; and

a second biasing member for positioning the motor on the first step region by applying a biasing force to a lateral direction.